

Figure 1: Low Consistency Ozone Bleaching Using  
 Pressurized Ozone Generator

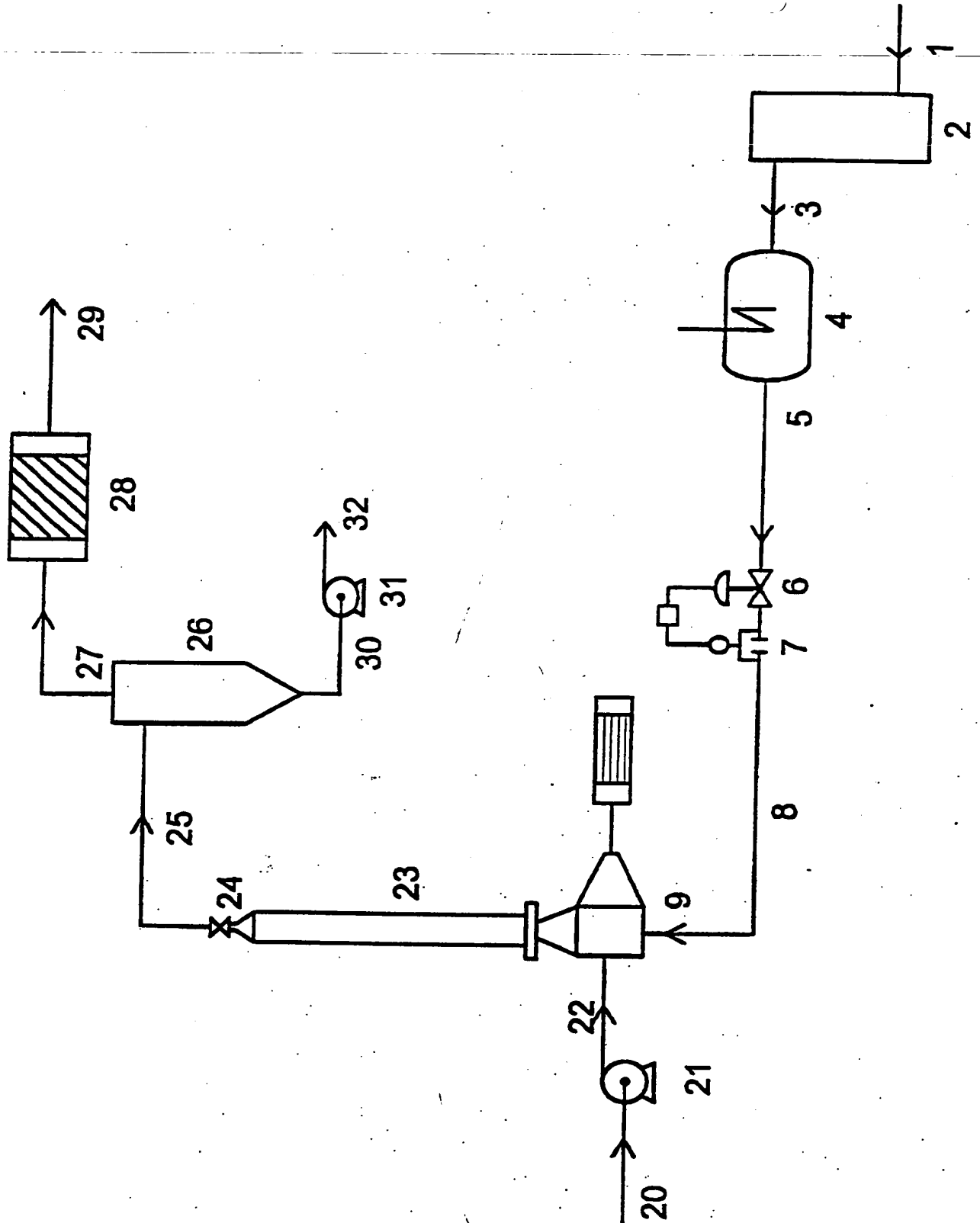
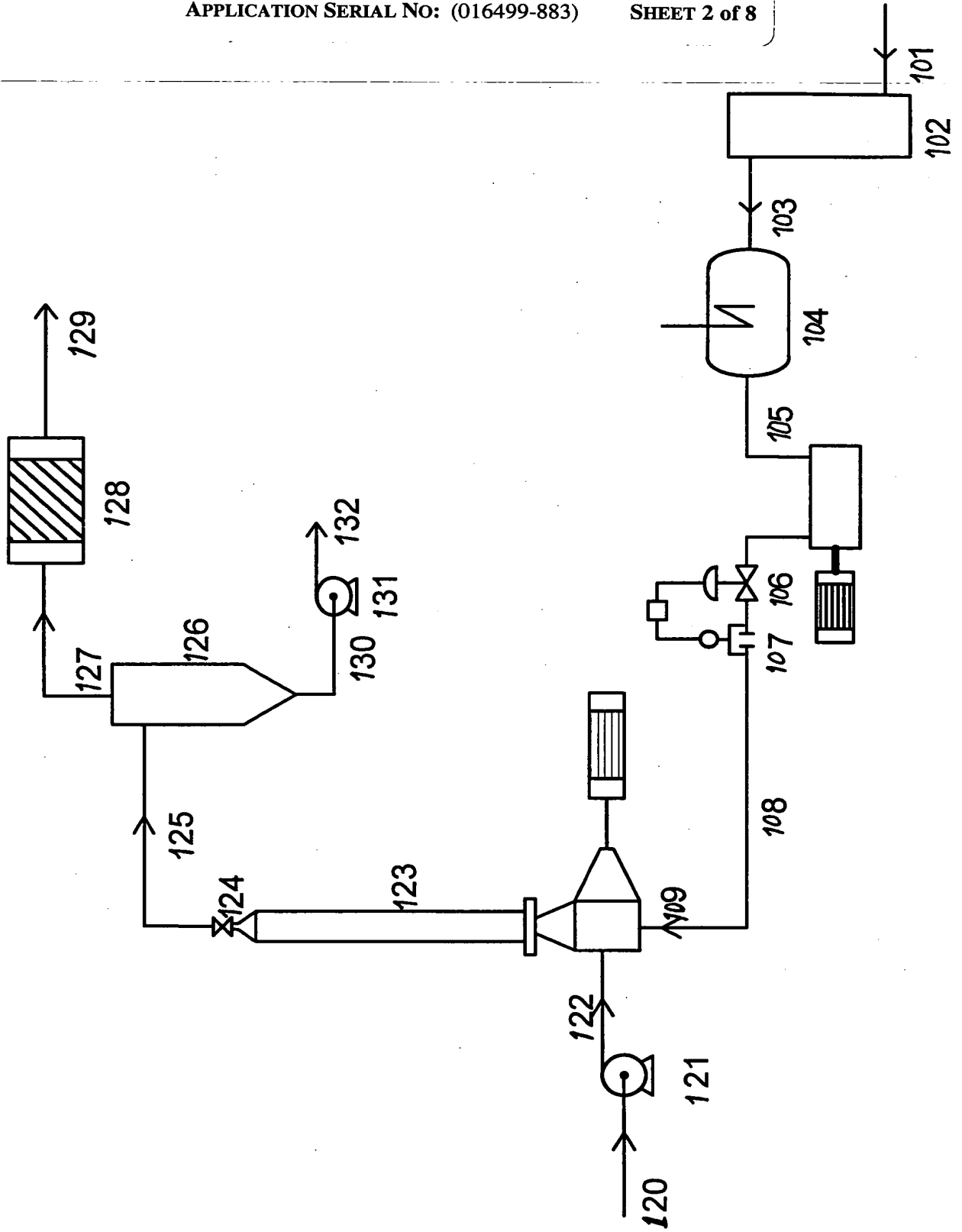
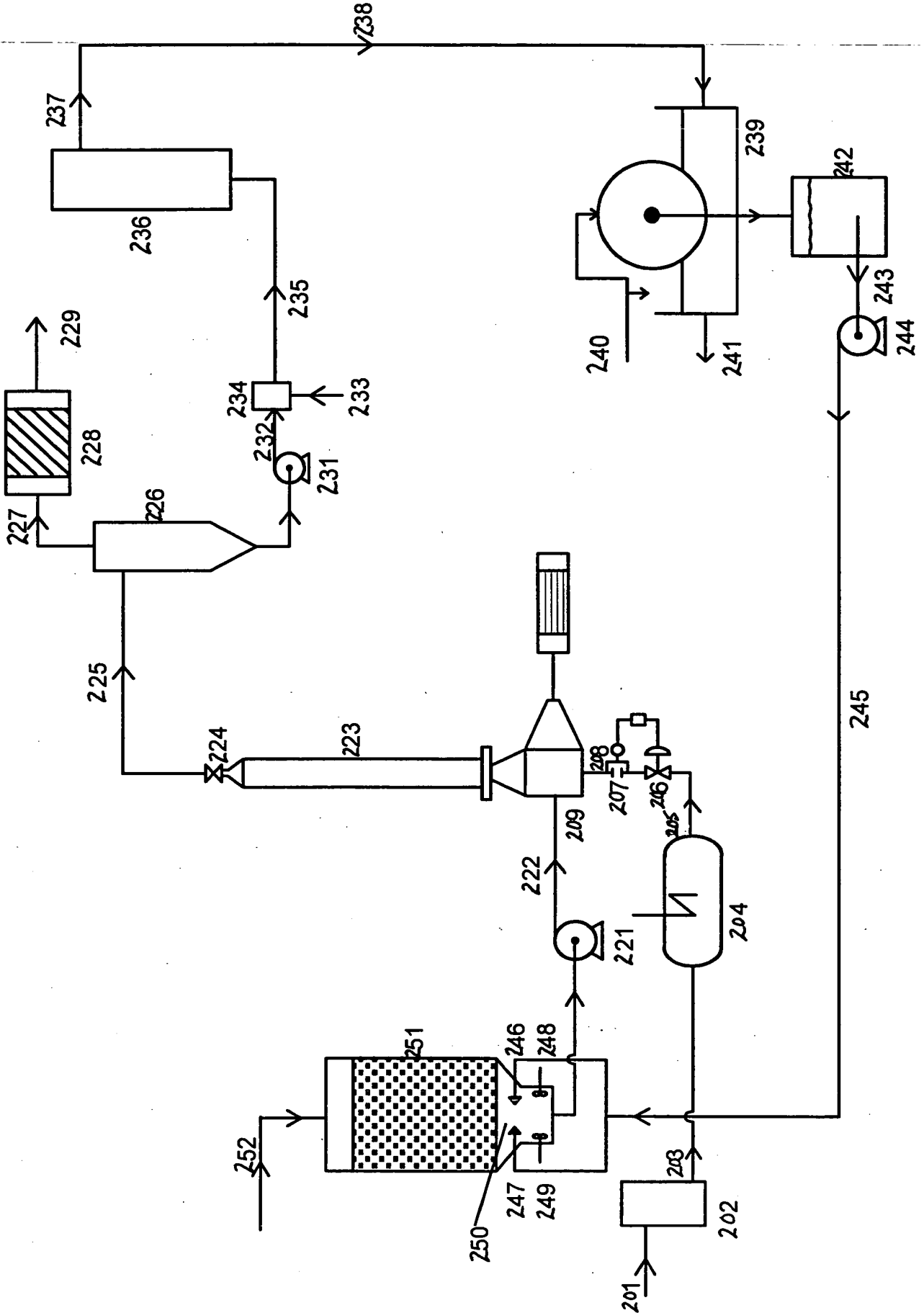


FIG. 2

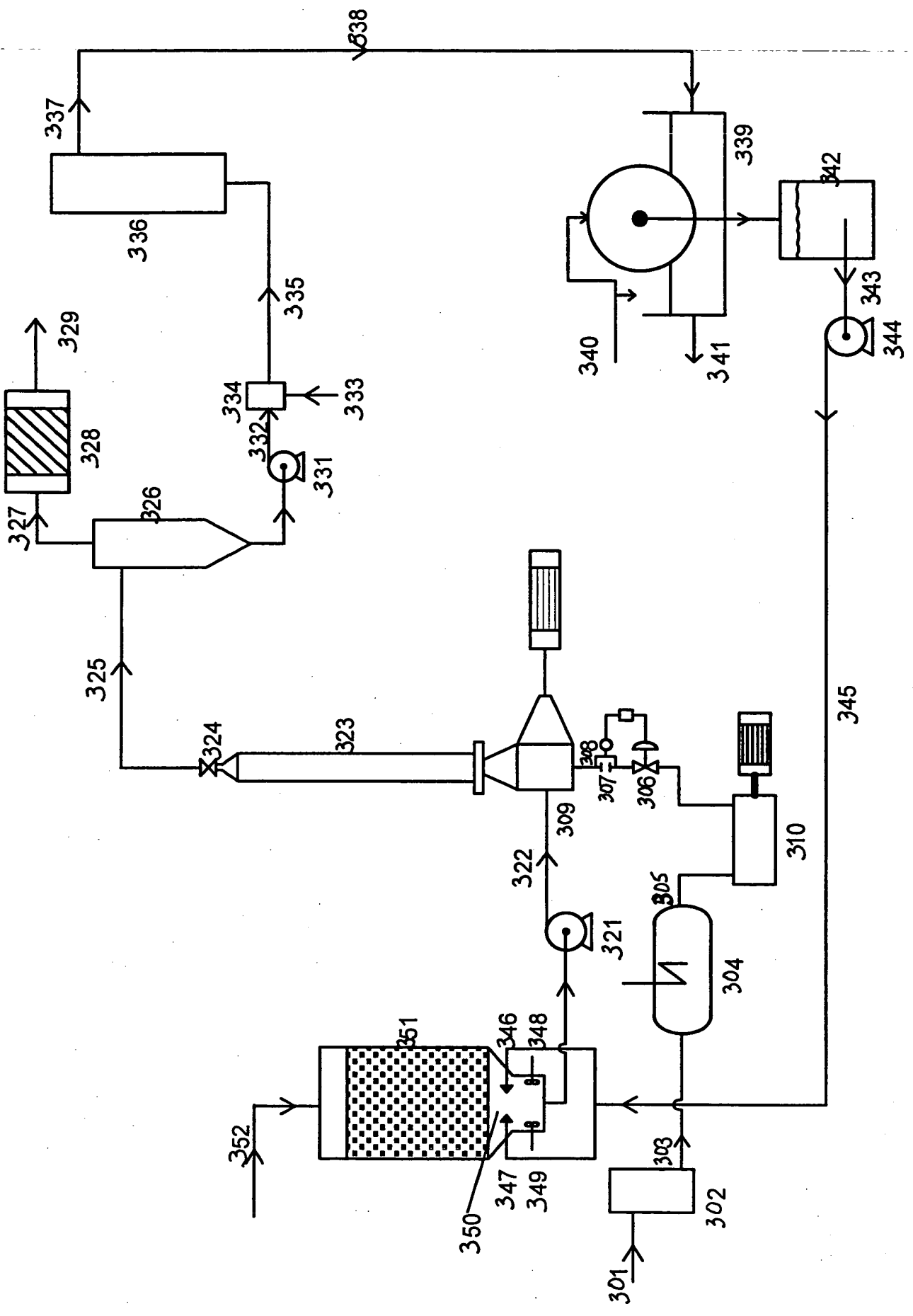
Figure 2: Low Consistency Ozone Bleaching Using Ozone Compressor



## Using Pressurized Ozone Generator



**Figure 4: Low Consistency Ozone Bleaching Using Ozone Compressor**  
**Before D Stage Bleaching**



**Figure 5: Low Consistency Ozone Bleaching After D Stage Bleaching  
 Using Pressurized Ozone Generator**

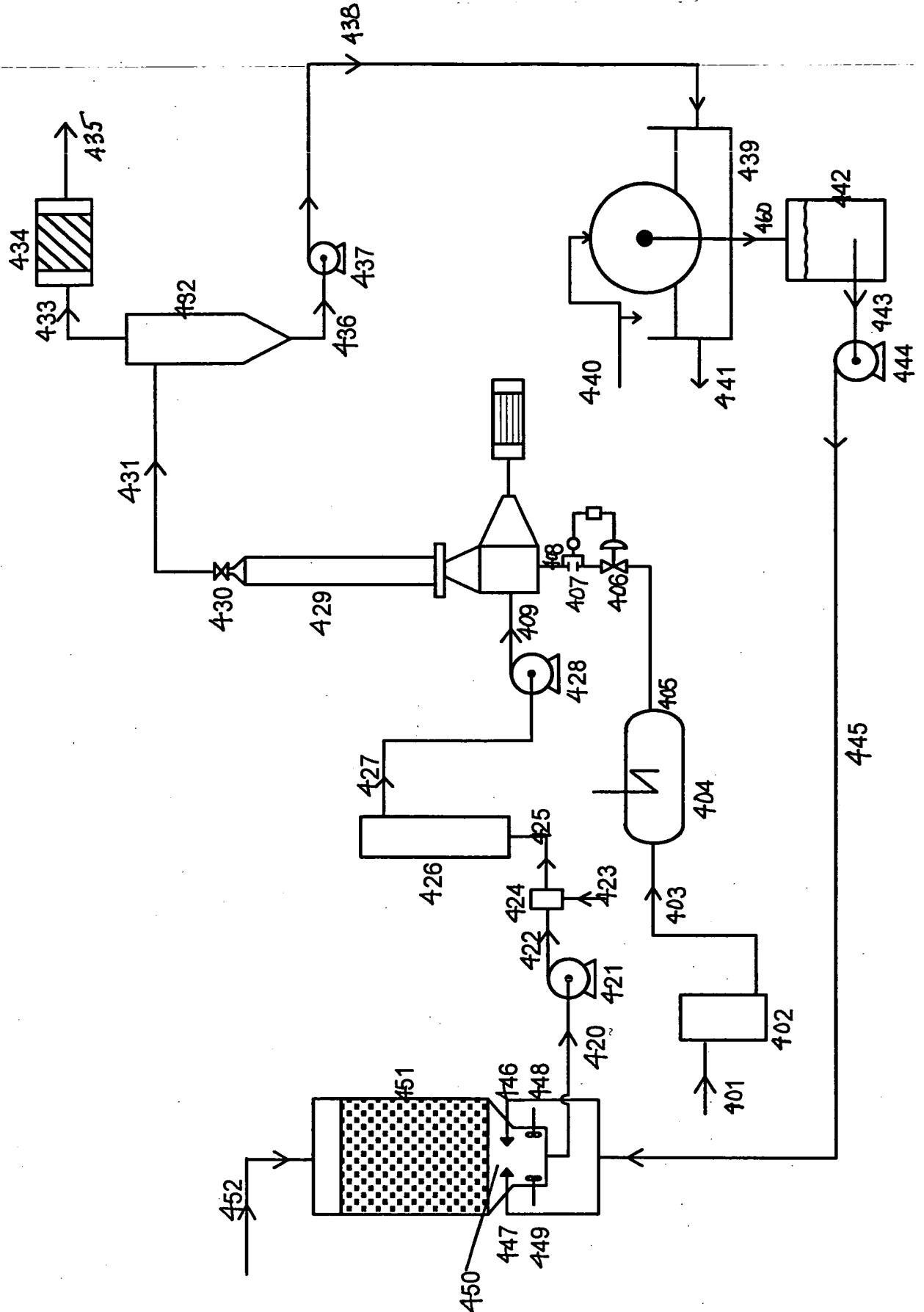


Figure 6: Low Consistency Ozone Bleaching Using Ozone Compressor  
 After D Stage Bleaching

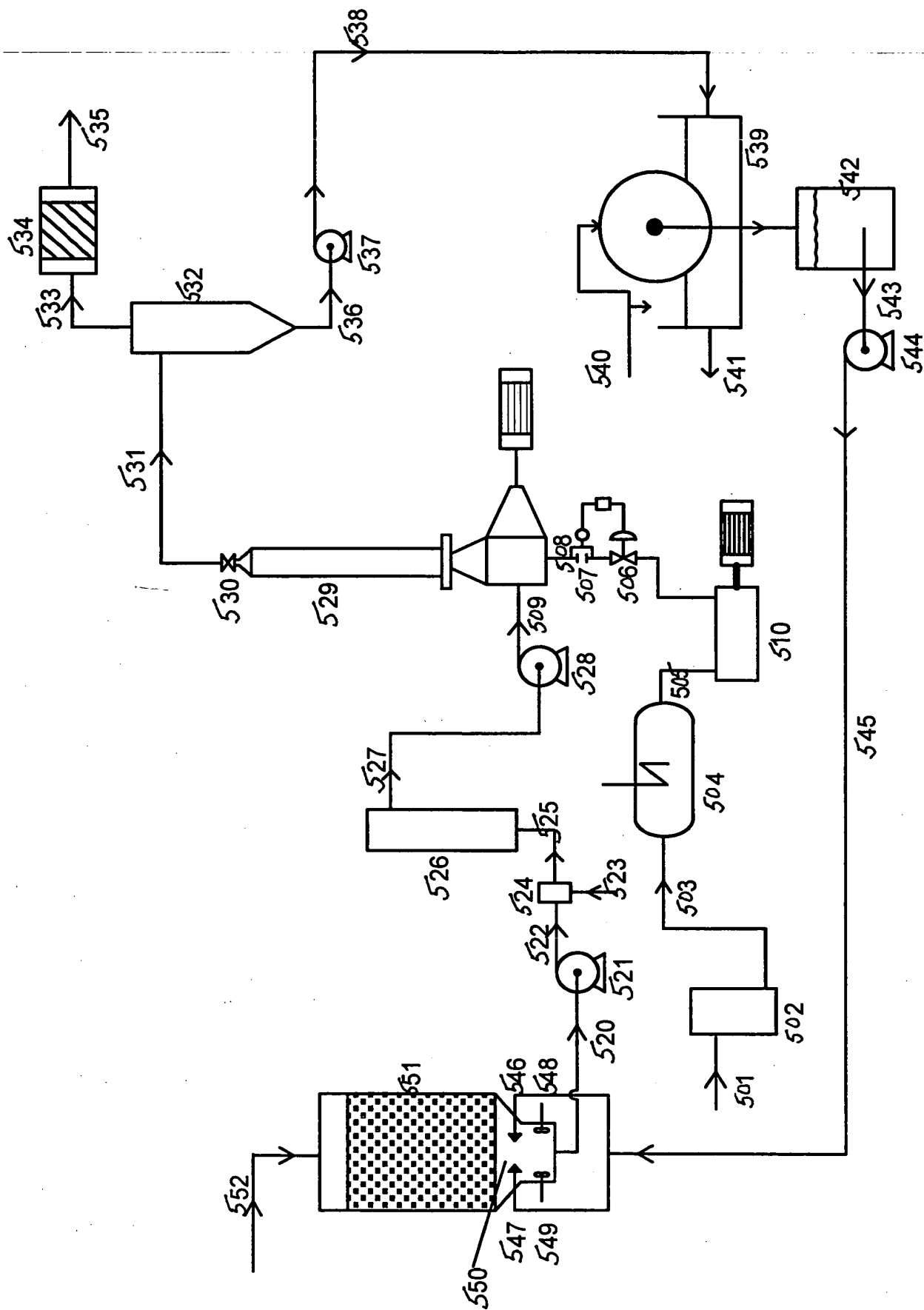


Figure 7 - (D/Z) Delignification Efficiency for Various Reactors at Low Consistency (2.5%-3.5%)

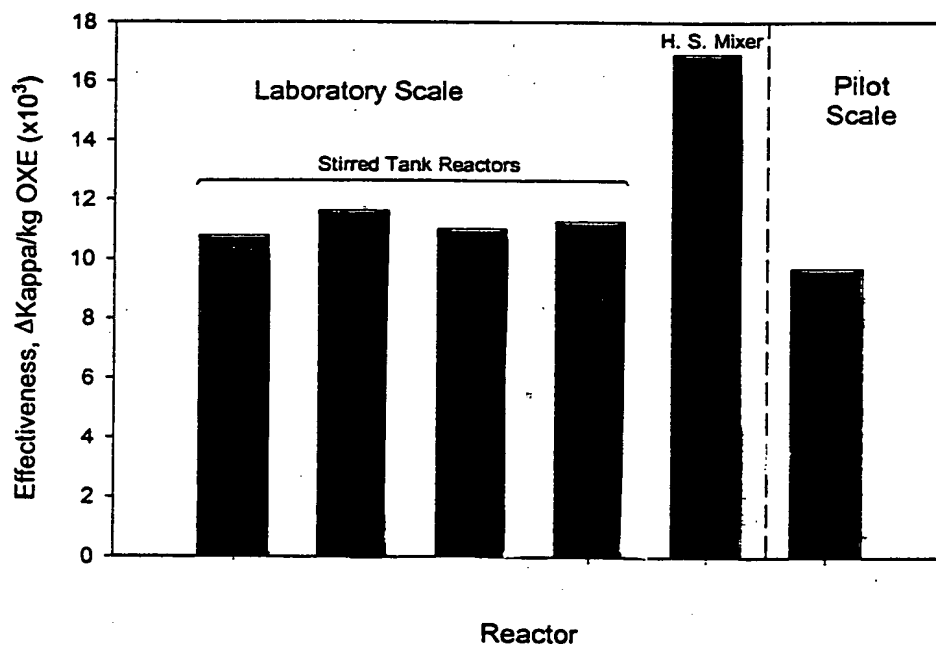
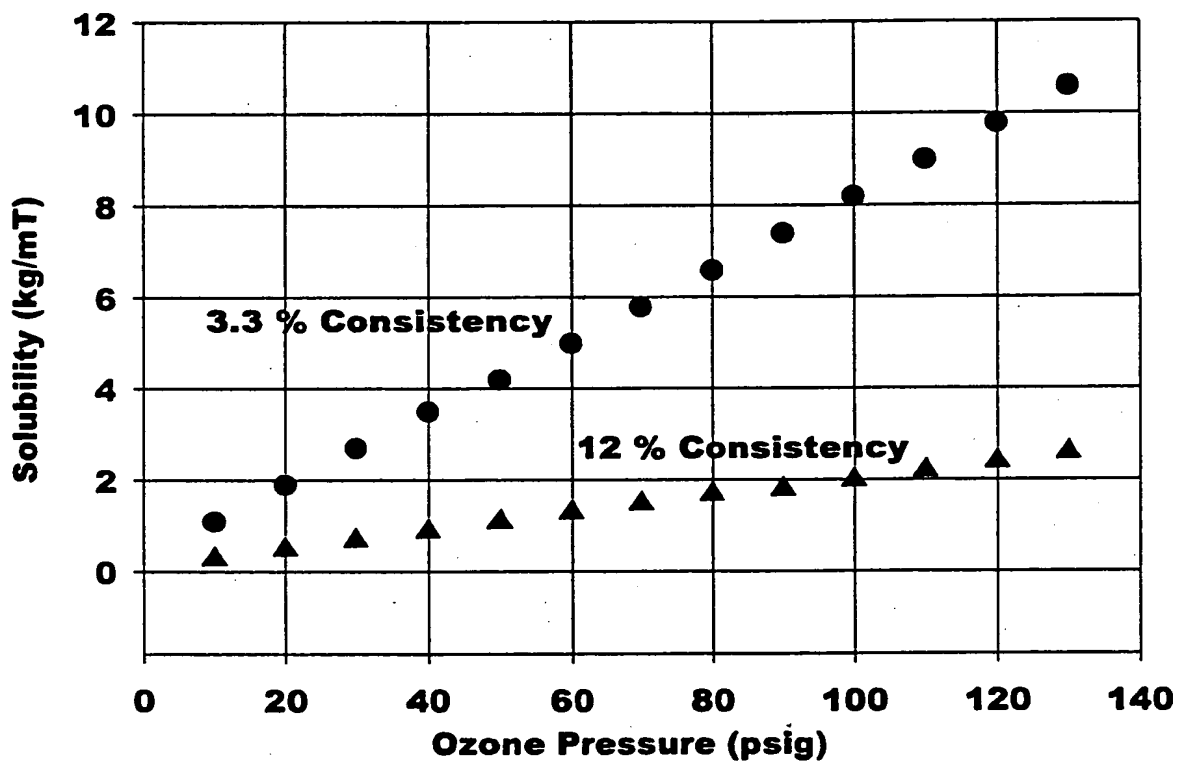


Figure 8  
Ozone Solubility



Conditions:  
Temperature - 40°C  
Gas Composition to the mixer on weight % -  
Nitrogen - 2.4 % , Argon - 5.2 % , Ozone - 13 % , Oxygen - 79.4 %